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Customer Number

27483

Karen Buzinski
Karen Buzinski

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Jeffrey R. Shutic et al.)	Examiner:	Not yet assigned
)		
Serial No.: 10/711,434)	Art Unit:	1734
)	Confirmation No.:	5433
Filed: September 17, 2004)	Attorney Docket No.:	11694/04383
)		
For: IMPROVED PARTICULATE)		
MATERIAL APPLICATION SYSTEM)		

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B forms and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

FOREIGN LANGUAGE DOCUMENTS

- ☒ In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant encloses herewith a copy of a Communication from a foreign patent office in a counterpart application citing such documents, together with that portion of the Communication indicating the degree of relevance found by the foreign patent office.

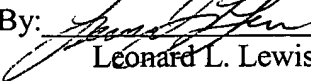
- ☒ In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant submits the following explanations:
DE 1087520 Appears to show conveyance with pistons.
DE 19654648 English Abstract provided.
DE 19654523 English Abstract provided.
EP 124933 English Abstract provided.
EP 347544 English Abstract provided.
EP 124933 English Abstract provided.
- ☒ Complete English translations of foreign language documents are being submitted herewith, and therefore no concise explanation for such documents is required.
EP 1437178 Translation provided.
EP 1080789 Translation provided.
JP 9-71325 Translation provided.
JP 9-150105 Translation provided.
WO 03/024612 Translation provided.
WO 03/024613 Translation provided.
WO 04/087331 Translation provided.

CERTIFICATION AND FEE PAYMENT INFORMATION

- ☒ The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination under 37 C.F.R. § 1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required. If this is not the case, the patent office is hereby authorized to charge any related fee to **Deposit Account No. 030172.**

Respectfully submitted,

Date: May 31, 2005

By: 
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PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449/PTO

Complete if Known**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 4

Application Number	10/711,434
Filing Date	September 17, 2004
First Named Inventor	Shutic et al.
Art Unit	1734
Examiner Name	not yet assigned
Attorney Docket Number	11694/04383

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 2,151,514	03/21/39	Heinen	
		US- 2,536,300	01/02/51	Martin	
		US- 2,667,280	01/26/54	Lane et al.	
		US- 3,604,758	09/14/71	Flain et al.	
		US- 3,932,065	01/13/76	Ginsberg et al.	
		US- 3,994,627	11/30/76	Calzolari	
		US- 5,700,323	12/12/97	Koch	
		US- 5,788,728	08/04/98	Solis et al.	
		US- 4,893,966	01/16/90	Roehl	
		US- 5,252,037	10/12/93	Carlson	
		US- 5,615,830	04/01/97	Matsunaga et al.	
		US- 6,508,610	01/21/03	Dietrich	
		US- 6,623,215	09/23/03	Dietrich	
		US- 6,325,572	12/04/01	Dietrich	
		US- 3,463,553	08/26/69	Boucraut et al.	
		US- 3,659,151	04/25/72	Febre	
		US- 4,143,819	03/13/79	Hastings	
		US- 4,241,880	12/30/80	Hastings	
		US- 4,502,629	03/05/85	McGhee et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		DE 1087520	08/18/60	Polysius GmbH		
		EP 124 933	11/14/84	Dietrich		
		EP 347 544	12/27/89	Claassan		
		DE 19654648	04/23/98	Dietrich		
		EP 1437178	07/14/04	ITW Gema AG		✓
		JP 09 (1997) 71325	03/18/97	Ogawa Kazutoshi		✓

Examiner
SignatureDate
Considered

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**INFORMATION DISCLOSURE
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Sheet 2

of 4

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Application Number	10/711,434
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		Number-Kind Code ² (if known)			
		US- 4,613,083	09/23/86	Mulder et al.	
		US- 4,630,777	12/23/86	Hollstein et al.	
		US- 4,638,951	01/27/87	Gabriel	
		US- 5,620,138	04/14/97	Crum	
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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		WO 82/00349	02/04/82	Askov Mejeri		
		WO 05/05060	01/20/05	Studio A-Z Di		
		DE 19654523	07/02/98	Wago		
		WO 03/024612	03/27/03	Ramseier		✓
		WO 03/024613	03/27/03	Bayerische		✓
		WO 01/19529	03/22/01	Nordson		

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SignatureDate
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U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY			
		EP 680 790	11/08/95	Ransburg		
		EP 1080789	03/07/01	Ivo Technik		✓
		EP 1084759	03/21/01	Nordson		
		GB 1236772	06/23/71	Societe Anonyme		
		JP 9-150105	06/10/97	Nippon Parker		✓
		WO 04/087331	10/14/04	H. Borger		✓

Examiner Signature		Date Considered	
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of 4

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Partial International Search Report from PCT/US04/26887 (parent application)	

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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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